

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (currently amended) A transfective liquid crystal device comprising:
a first substrate ~~having first transparent electrodes on a surface thereof;~~
a second substrate ~~having second transparent electrodes on a surface thereof, the second transparent electrodes opposing the first transparent electrodes;~~
and
a liquid crystal layer held between the first substrate and the second substrate,
wherein the first substrate includes:
a light-reflecting layer overlapping ~~defining~~ reflective display regions in plan view in pixel regions ~~where the first transparent electrodes oppose the second transparent electrodes and~~ in a non-overlapping condition with transmissive display regions in the regions of the pixel regions other than the reflective display regions; and
a thickness-adjusting layer setting the thickness of the liquid crystal layer in the reflective display regions to be smaller than the thickness of the liquid crystal layer in the transmissive display regions; ~~and the first transparent electrodes, in that order, in the upward direction, and~~
wherein the second substrate includes a shading film;
slopes are formed in the thickness-adjusting layer at a transition between each reflective display region and transmissive display region; and
edges of the light-reflecting layer adjacent the transmissive display regions are substantially aligned with bottom edges of the slopes of the thickness-adjusting layer.

2. (original) A transflective liquid crystal device according to Claim 1, wherein the overlapping sides defining the pixel region and the transmissive display region are adjacent to the reflective display region of an adjacent pixel region.

3. (original) A transflective liquid crystal device according to Claim 1, further comprising reflective-display color filters in the reflective display regions and transmissive-display color filters, which are colored more strongly than the reflective-display color filters, in the transmissive display regions.

4. (original) A transflective liquid crystal device according to Claim 3, wherein, at the transitions between the reflective display regions and the transmissive display regions, a portion of the transmissive-display color filters substantially overlap with a portion of the light-reflecting layer in plan view.

5. (original) A transflective liquid crystal device according to Claim 3, wherein, at the transitions between the reflective display regions and the transmissive display regions, overlaps are formed by depositing at least two layers having different colors and forming at least one of the reflective-display color filters and the transmissive-display color filters.

6. (original) A transflective liquid crystal device according to Claim 1, wherein the slopes of the thickness-adjusting layer at the transitions between the reflective display regions and the transmissive display regions have a width of 8 μm or less.

7. (original) A transfective liquid crystal device according to Claim 1, wherein a twist angle of liquid crystal in the liquid crystal layer is 90° or less.

8. (original) An electronic apparatus comprising a transfective liquid crystal device as set forth in Claim 1.

9. (currently amended) A transfective device comprising:
a first substrate ~~having first transparent electrodes on a surface thereof;~~
a second substrate ~~having second transparent electrodes on a surface thereof;~~ and
a liquid crystal layer held between the first substrate and the second substrate,
a light-reflecting layer formed between the liquid crystal layer and the first substrate, the light-reflecting layer having edges ~~that define reflective display regions,~~
~~edges of the light-reflecting layer being adjacent to transmissive display regions which~~
are located in regions other than the reflective display regions;
a thickness-adjusting layer setting the thickness of the liquid crystal layer in the reflective display regions to be smaller than the thickness of the liquid crystal layer in the transmissive display regions, the thickness adjusting layer having a slope at a transition between each reflective display region and transmissive display region, inboard edges of the slopes of the thickness adjusting layer being substantially aligned with edges of the light-reflecting layer; and
a shading film formed between the liquid crystal layer and the second substrate.

10. (previously presented) The transflective device according to claim 9, wherein the thickness-adjusting layer is formed between the liquid crystal layer and the first substrate.

11. (previously presented) The transflective liquid crystal device according to Claim 9, wherein the overlapping sides defining the pixel region and the transmissive display region are adjacent to the reflective display region of an adjacent pixel region.

12. (previously presented) The transflective liquid crystal device according to Claim 9, further comprising reflective-display color filters in the reflective display regions and transmissive-display color filters, which are colored more strongly than the reflective-display color filters, in the transmissive display regions.

13. (previously presented) The transflective liquid crystal device according to Claim 9, wherein the slopes of the thickness-adjusting layer at the transitions between the reflective display regions and the transmissive display regions have a width of $8\ \mu\text{m}$ or less.

14. (previously presented) The transflective liquid crystal device according to Claim 9, wherein a twist angle of liquid crystal in the liquid crystal layer is 90° or less.

15. (previously presented) An electronic apparatus comprising a transflective liquid crystal device as set forth in Claim 9.

16. (new) A transflective device as claimed in claim 9, wherein the edges of the slopes of the thickness adjusting layer are at a thinnest section of the thickness adjusting layer.

17. (new) A transflective device as claimed in claim 9, wherein the edges of the slopes of the thickness adjusting layer are edges nearest a substrate on which the thickness adjusting layer is formed.

18. (new) A transflective device according to claim 9, wherein the shading film overlaps the transition between each reflective display region and transmissive display region with respect to a thickness direction of the liquid crystal.